

INDUSTRIAL COMPONENT DATA

E2E-X8MB1T12-R 2M E2EN0959A 688014 OMRON Proximity sensor, inductive, nickel-brass short body, M12, unshield..

Brand: OMRON | Manufacturer Part Number: E2E-X8MB1T12-R 2M



Manufacturer	OMRON
MPN / Reference	E2E-X8MB1T12-R 2M
Catalog number	E2EX8MB1T12R2MOMS
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-075587A3DA
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Product Overview

Proximity sensor, inductive, nickel-brass, short body, M12, unshielded, 8 mm, DC, 3-wire, PNP NO, IO-Link COM3, 2 m robotic cable

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Proximity Sensors > New E2E
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Additional Product Information

ETIM for 688014 Sensors (EC002714)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cylinder, screw-thread

Degree of protection (NEMA) (EF011959)

Other

Coating housing (EF001601)

Nickel-plated

Mechanical mounting condition for sensor (EF004041)

Not flat

Performance level according to EN ISO 13849-1 (EF007399)

None

Type of interface for safety communication (EF003956)

None

Type of actuation (EF006949)

Metallic Target

Type of switch function (EF003963)

Normally open contact

Type of electric connection (EF003961)

Cable

Type of interface (EF006977)

Other

SIL according to IEC 61508 (EF009889)

None

Housing material (EF001596)

Metal

Type of switching output (EF003962)

PNP

Explosion safety category for gas (EF003997)

None

Cascadable (EF000507)

Yes

With monitoring function downstream switching devices (EF004052)

No

Compression-resistant (EF007106)

No

Suitable for safety functions (EF001597)

No

Number of protected contact energized outputs (EF003952)

0

Number of semiconductor outputs with signalling function (EF003945)

1

Number of protected semiconductor outputs (EF003951)

0

Diameter sensor (EF007111)

12 mm

Switching distance (EF003647)

8 mm

Length of sensor (EF007334)

47.1 mm

Switching frequency (EF003587)

800 Hz

Number of contact energized outputs with signalling function (EF003946)

0

Supply voltage (EF004127)

10 V

Rated control supply voltage DC (EF003980)
10 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E2E-X8MB1T12-R 2M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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